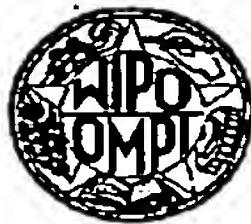


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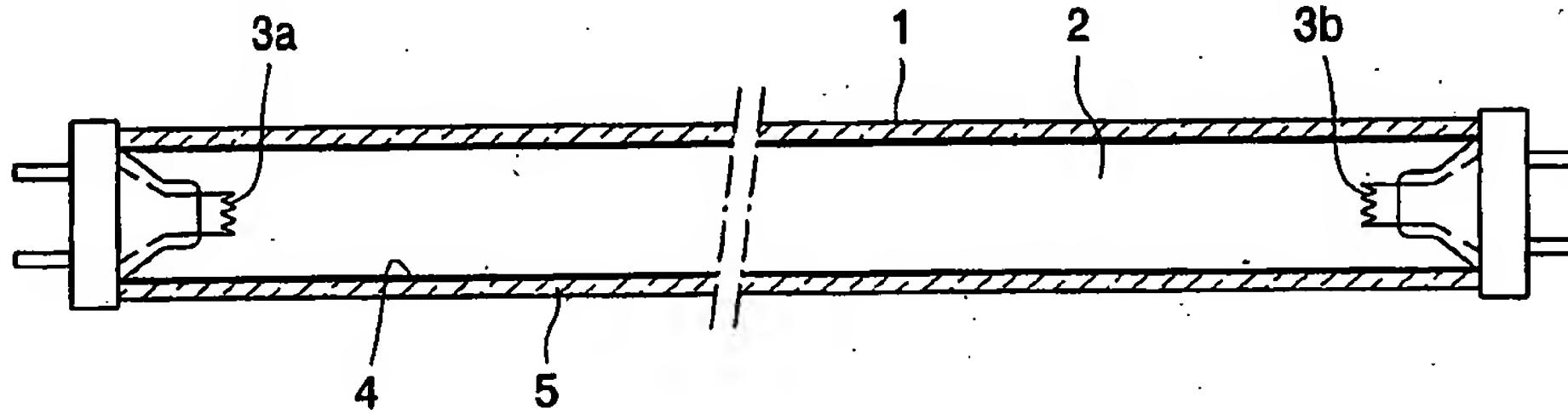
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(54) Title: A LOW-PRESSURE MERCURY DISCHARGE LAMP AND PROCESS FOR ITS PREPARATION

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(57) Abstract: The invention relates to a low-pressure mercury discharge lamp comprising an envelope with an inner surface enclosing a discharge space in which a mercury comprising filling is accommodated, at least one electrode for generating ultraviolet radiation in said discharge space, and a phosphor layer formed over said inner surface to convert said ultraviolet radiation into light of the green wavelength region, wherein said phosphor layer consists of a water-dispersable blend of a yellow-green phosphor and a blue-green phosphor. The blend consists preferably of the CBT and BAM-green phosphors.